

SEQLIST  
SEQUENCE LISTING

<110> Boulidakas, Teni

<120> THERAPY FOR HUMAN CANCERS USING  
CISPLATIN AND OTHER DRUGS OR GENES ENCAPSULATED INTO  
LIPOSOMES

<130> TB 2001.00

<140> US 09/434,345

<141> 1999-11-05

<160> 10

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 24

<212> PRT

<213> Influenza virus hemagglutinin HA-2

<400> 1

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Leu | Phe | Glu | Ala | Ile | Ala | Gly | Phe | Ile | Glu | Asn | Gly | Trp | Glu | Gly |
| 1   |     |     |     | 5   |     |     |     |     | 10  |     |     |     |     | 15  |     |
| Met | Ile | Asp | Gly | Gly | Gly | Tyr | Cys |     |     |     |     |     |     |     |     |
|     |     |     | 20  |     |     |     |     |     |     |     |     |     |     |     |     |

<210> 2

<211> 11

<212> PRT

<213> Human Immunodeficiency Virus

<400> 2

|     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Tyr | Gly | Arg | Lys | Lys | Arg | Arg | Gln | Arg | Arg | Arg |
| 1   |     |     |     | 5   |     |     |     | 10  |     |     |

<210> 3

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> A fusion peptide formulated with DNA plasmids to  
create peptide-based gene delivery systems.

<400> 3

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Leu | Phe | Glu | Ala | Leu | Leu | Glu | Leu | Leu | Glu | Ser | Leu | Trp | Glu | Leu |
| 1   |     |     |     | 5   |     |     |     | 10  |     |     |     |     |     | 15  |     |
| Leu | Leu | Glu | Ala |     |     |     |     |     |     |     |     |     |     |     |     |
|     |     |     | 20  |     |     |     |     |     |     |     |     |     |     |     |     |

<210> 4

<211> 16

<212> PRT

<213> Duck Hepatitis B Virus

<400> 4

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Met | Ser | Gly | Thr | Phe | Gly | Gly | Ile | Leu | Ala | Gly | Leu | Ile | Gly | Leu | Leu |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |

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1 5 10 15

<210> 5  
 <211> 16  
 <212> PRT  
 <213> Woodchuck hepatitis B virus

<400> 5  
 Met Ser Pro Ser Ser Leu Leu Gly Leu Leu Ala Gly Leu Gln Val Val  
 1 5 10 15

<210> 6  
 <211> 20  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> An amphipathic peptide.

<400> 6  
 Gly Leu Phe Glu Ala Leu Leu Glu Leu Leu Glu Ser Leu Trp Glu Leu  
 1 5 10 15  
 Leu Leu Glu Ala  
 20

<210> 7  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> An amphiphilic fusogenic peptide.

<400> 7  
 Leu Lys Lys Leu Leu Lys Lys Leu Leu Lys Lys Leu Leu Lys Lys Leu  
 1 5 10 15

<210> 8  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Basic amphipathic peptide.

<400> 8  
 Leu Ala Arg Leu Leu Ala Arg Leu Leu Ala Arg Leu  
 1 5 10

<210> 9  
 <211> 28  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> 30 amino acid peptide with the major repeat  
 sequence of this sequence, designed to mimic the  
 behavior of the fusogenic sequences of viral

# SEQLIST

fusion proteins.

<400> 9

Gly Ala Leu Ala Gly Ala Leu Ala Gly Ala Leu Ala Gly Ala Leu Ala

1 5 10 15  
Gly Ala Leu Ala Gly Ala Leu Ala Gly Ala Leu Ala

20

25

<210> 10

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Fusogenic peptide.

<400> 10

Ala Ala Pro Val

1